

# [DRIVING METHOD OF LIQUID CRYSTAL DISPLAY]

## Abstract

A driving method of a liquid crystal display is described. The driving method of liquid crystal display firstly detects the maximum grayscale of all pixel of liquid crystal display, and adjusts the output brightness of back-light modules in order to provide the corresponding brightness to the pixels of the maximum grayscale. Meanwhile, adjust all grayscale values of all pixels to map a new grayscale value, and drive each pixel. This driving method of this crystal display provides a sharp display quality when displaying darker image, and further reduces power consumption, particularly when displaying low brightness images.